

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants: **Selena Chan, et al.**

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For: **POLYMER SEQUENCING USING SELECTIVELY  
LABELED MONOMERS AND DATA INTEGRATION**

**AMENDMENT**

Commissioner for Patents  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

Dear Commissioner:

In connection with the Notice of Non-Compliant Amendment mailed September 18, 2007, regarding the above-referenced application, Applicants respectfully request consideration of the following amendments and remarks below.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 6 of this paper.